



# **STIC Search Report**

## **EIC 2100**

**STIC Database Tracking Number: 186987**

**TO: Jung W Kim**  
**Location: RND 2A28**  
**Art Unit: 2132**  
**Tuesday, April 25, 2006**

**Case Serial Number: 09/454646**

**From: Lucy Park**  
**Location: EIC 2100**  
**RND-4B11**  
**Phone: 571-272-8667**

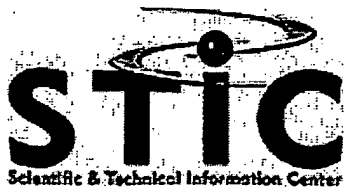
**lucy.park@uspto.gov**

### **Search Notes**

Dear Examiner Kim,

Here are the search results for your Fast & Focused search request on case number 09/454646. Please let me know if you have any questions about these or if you need any further information.

Lucy



# STIC EIC 2100 Search Request Form

186987

Today's Date: 4/18/06

What date would you like to use to limit the search?

Priority Date: 12/6/99

Other:

Name Jung W. Kim

AU 2132 Examiner # 79933

Room # 2A28 Phone 23804

Serial # 09454646

Format for Search Results (Circle One):

PAPER

DISK

EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other

Is this a "Fast &amp; Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Is this request for a BOARD of APPEALS case? (Circle One) YES NO

A feature where the number of unsuccessful login attempts is dependent on the time of day or day of the week.

For example, ~~if~~ in the mornings, a user can attempt to login to a certain computer 5 times unsuccessfully before the login screen is locked, whereas in the evenings, a user can attempt to login to the same computer 10 times unsuccessfully before the login screen is locked.

STIC Searcher Lucy Park

Phone 28667

Date picked up 4/25/06

Date Completed 4/25/06



IP.com  
PriorArtDatabase

April 25, 2006

USPTO

Secur

**Search**

Full Text
Concept
Document ID
Recent Disclosures

**Other**

Prior Art Home
Support
Logout

Displaying records #1 through 10 out of 18

Result # 1      Relevance: ★★★★★

**GPRS Big Brother**

2006-01-01      IPCOM000132399D

English

"GPRS Big Brother" is a new feature based on GPS (Global Positioning System) and GPRS (Global Packet Radio Service) network. This new feature offers to define a new set of active services or enhances the benefit of existing supervisor systems. The ...

Result # 2      Relevance: ★★★★★

**A Dynamic Logic for Updating/Modifying Enduser's Attribute for Distributed Direct Advertisement in Online Environment.**

2005-09-09      IPCOM000127697D

English

Disclosed is a dynamic logic to update user's attributes on online community or online environment such as MMORG(Multiplayer Massive Online Roleplay Game) or web shop, and apply the attributes to dynamic advertisement or to dynamic modification of ...

Result # 3      Relevance: ★★★★★

**A method for user notification and session management for concurrent logins from a single web account**

2003-06-06      IPCOM000012889D

English

Disclosed is a method for the web server to manage sessions based on user's decision in the user of the multiple logins and potential problems.

Result # 4      Relevance: ★★★★★

**New Host-Host Protocol (RFC0033)**

1970-02-01      IPCOM000005379D

English

The Advanced Research Projects Agency (ARPA) Computer Network (hereafter referred to as "ARPA network") is one of the most ambitious computer networks attempted to date. [

Result # 5      Relevance: ★★★★★

**ADVANCED DEVELOPMENT PROTOTYPE SYSTEM**

1969-01-30      IPCOM000128852D

English

This final report describes work done under Part 1 of the Advanced Development Prototype from 30 July 1968 to 30 January 1969. The result of this work is ADEPT--a comprehensive information-processing system implemented at SDC for operation on IBM 360 computer

Result # 6      Relevance: ★★★★★

**Partial Containment Structure for Integration of Distributed Computing Environment and Local Registries**

1995-09-01      IPCOM000116528D

English

The design of a structure for integrating the security registry in the Open Software Foundation (OSF) and registries on local operating system platforms is disclosed. This structure is referred to as "partial containment" since a subset of the security ...

Result # 7      Relevance: ★★★★★

**The Kerberos Version 5 GSS-API Mechanism (RFC1964)**

[Sign in](#)



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)

"login attempts" "time of day"

[Search](#)

[Advanced Search](#)  
[Preferences](#)

**Web**

Results **1 - 10** of about **18,200** for "**login attempts**" "**time of day**". (0.53 seconds)

### Login policy

**Time-of-day** login restrictions are defined by specific policy attributes in the ... The period of time over which the failed **login attempts** are counted is ...

publib.boulder.ibm.com/tividd/ td/ITAMOS/SC23-4827-01/en\_US/HTML/admin39.htm - 31k -  
[Cached](#) - [Similar pages](#)

### login(1)

+ The maximum number of unsuccessful **login attempts** for the account was exceeded ... +  
The terminal has **time of day** restrictions and the current time is not ...

www.uwm.edu/cgi-bin/IMT/ wwwman?topic=login(1)&msection= - 8k -  
[Cached](#) - [Similar pages](#)

### Volpe Center: Transportation Strategic Plans

After three (3) **login attempts**. After failed login attempt, the system shall send an alarm ...

**Time-of-day**; Day-of-week; Calendar dates. Port of Entry ...

www.volpe.dot.gov/infosrc/ strtplns/nstc/cargo/append-b.html - 18k - [Cached](#) - [Similar pages](#)

### NFR Wizards Archive: Re: password aging

password is similar to blocking accounts because of bad **login attempts**. ... **time of day**,  
source of login attempt, "type" of account or user, etc)? ...

archives.neohapsis.com/archives/ nfr-wizards/1998/09/0031.html - 6k -  
[Cached](#) - [Similar pages](#)

### [PDF] Secure4Access

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Secure usage by **time of day**, day-of-week, servers and. more. S4Software, Inc. ... user  
**login attempts** in order to enforce. additional validation checks ...

www.s4software.com/PDF/s4access.pdf - [Similar pages](#)

### Is it possible to limit access based on time of day?

... time period and any **login attempts** outside of that time period will fail. ... Otherwise,  
someone could figure out what **time of day** they should try and ...

www.roedie.nl/lids-faq/html-multiple/ time-of-day-restriction.html - 5k -  
[Cached](#) - [Similar pages](#)

### Cal Poly Central UNIX man pages : login (1)

After three unsuccessful **login attempts**, a HANGUP signal is issued. ... + The terminal has  
**time of day** restrictions and the current time is not within the ...

www.calpoly.edu/cgi-bin/man-cgi?login+1 - 20k - [Cached](#) - [Similar pages](#)

### [PDF] Security Whitepaper

File Format: PDF/Adobe Acrobat - [View as HTML](#)

By default, after three unsuccessful **login attempts**, access to the ... Day of week and **time**  
**of day** access. restrictions can also be applied as part of ...

www.01com.com/cse/\_pdf/ l'm%20InTouch%20CSE%20Security%20Whitepaper.pdf -  
[Similar pages](#)

### hpux 10.20 - prpwd (4)

... a comma separated list of **time-of- day** specification entries that controls when ... a count

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

(c) 2006 JPO & JAPIO

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200626

(c) 2006 Thomson Derwent

Set	Items	Description
S1	1143434	LOGIN? ? OR LOGON? ? OR SIGNIN? ? OR SIGNON? ? OR (LOG OR - LOGS OR LOGGED OR LOGGING OR SIGN???) (2N) (IN OR INS OR INTO OR ON OR ONS) OR ACCESS???
S2	1373	S1(3N) (ATTEMPT??? OR TRY OR TRIES OR TRIED OR TRYING)
S3	61	S2(3N) (NUMBER? ? OR TIMES OR THRESHOLD? ? OR LIMIT??? OR AMOUNT? ?)
S4	2936037	TIME
S5	595669	HOUR? ? OR MINUTE? ? OR MORNING? ? OR AFTERNOON? ? OR EVENING? ? OR NIGHT? ? OR DAY? ? OR DAYTIME? ? OR NIGHTTIME? ?
S6	56044	WEEK? ? OR WEEKDAY? ? OR WEEKEND? ?
S7	25	S3 AND S4:S6
S8	18	S7 NOT AD=19991206:20021206/PR
S9	16	S8 NOT AD=20021206:20060425/PR
S10	756445	LOGIN? ? OR LOGON? ? OR SIGNIN? ? OR SIGNON? ? OR (LOG OR - LOGS OR LOGGED OR LOGGING OR SIGN???) (2N) (IN OR INS OR INTO OR ON OR ONS)
S11	119	S10(3N) (ATTEMPT??? OR TRY OR TRIES OR TRIED OR TRYING)
S12	18497	S10(3N) (NUMBER? ? OR TIMES OR THRESHOLD? ? OR LIMIT??? OR AMOUNT? ?)
S13	18745	(TIME? ? OR TIMEFRAME? ? OR HOUR? ?) (3N) DAY? ?
S14	23	S11:S12 AND S13
S15	23	S14 NOT S7
S16	22	S15 NOT AD=19991206:20021206/PR
S17	19	S16 NOT AD=20021206:20060425/PR
S18	27387	LOGIN? ? OR LOGON? ? OR SIGNIN? ? OR SIGNON? ? OR (LOG OR - LOGS OR LOGGED OR LOGGING OR SIGN OR SIGNS OR SIGNING OR SIGNED) (2N) (IN OR INS OR INTO ON OR ONS)
S19	3673	DAY(2N) WEEK? ? OR WEEKDAY OR WEEKEND? ? OR WEEK() END? ?
S20	6	S18(3N) (S13 OR S19)

*bibliographic  
patents*

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)Search: ☒ The ACM Digital Library ☐ The Guide**SEARCH**

## Nothing Found

Your search for **+"time of day" login\* logon\* "log\* in" "log\* on"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

### Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

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 Search: ☒ The ACM Digital Library ☐ The Guide



## Nothing Found

Your search for **+time login\* logon\* "log\* in" "log\* on"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

## Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

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Set	Items	Description
S1	236671	LOGIN? ? OR LOGON? ? OR SIGNIN? ? OR SIGNON? ? OR (LOG OR - LOGS OR LOGGED OR LOGGING OR SIGN OR SIGNS OR SIGNED OR SIGNING) (2N) (IN OR INS OR INTO OR ON OR ONS)
S2	406688	ACCESS???
S3	10180	S1:S2(3N) (ATTEMPT???
S4	665	S3(3N) (NUMBER? ? OR TIMES OR THRESHOLD? ? OR LIMIT???
S5	1375197	TIME OR TIMES
S6	743690	HOUR? ? OR MINUTE? ? OR MORNING? ? OR AFTERNOON? ? OR EVENING? ? OR NIGHT? ? OR DAY? ? OR DAYTIME? ? OR NIGHTTIME? ?
S7	142278	WEEK? ? OR WEEKDAY? ? OR WEEKEND? ?
S8	386	S4(100N)S5:S7
S9	257	S4(20N)S5:S7
S10	74	S9 AND IC=H04L
S11	45	S10 NOT AD=19991206:20021206/PR
S12	30	S11 NOT AD=20021206:20060425/PR
S13	84974	(TIME? ? OR TIMEFRAME? ? OR HOUR? ?) (3N)DAY? ?
S14	29841	DAY? ?(2N)WEEK? ? OR WEEKDAY? ? OR WEEKEND? ? OR WEEK()END?
		?
S15	13	S13:S14(100N)S4
S16	9	S15 NOT S10
S17	5	S16 NOT AD=19991206:20021206/PR
S18	5	S17 NOT AD=20021206:20060425/PR
? show files;ds		
File 348:EUROPEAN PATENTS 1978-2006/ 200616		
(c) 2006 European Patent Office		
File 349:PCT FULLTEXT 1979-2006/UB=20060420,UT=20060413		
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Set	Items	Description
S1	236671	LOGIN? ? OR LOGON? ? OR SIGNIN? ? OR SIGNON? ? OR (LOG OR - LOGS OR LOGGED OR LOGGING OR SIGN OR SIGNS OR SIGNED OR SIGNING) (2N) (IN OR INS OR INTO OR ON OR ONS)
S2	406688	ACCESS???
S3	10180	S1:S2(3N) (ATTEMPT???
S4	665	S3(3N) (NUMBER? ? OR TIMES OR THRESHOLD? ? OR LIMIT???
S5	1375197	TIME OR TIMES
S6	743690	HOUR? ? OR MINUTE? ? OR MORNING? ? OR AFTERNOON? ? OR EVENING? ? OR NIGHT? ? OR DAY? ? OR DAYTIME? ? OR NIGHTTIME? ?
S7	142278	WEEK? ? OR WEEKDAY? ? OR WEEKEND? ?
S8	386	S4(100N)S5:S7
S9	257	S4(20N)S5:S7
S10	74	S9 AND IC=H04L
S11	45	S10 NOT AD=19991206:20021206/PR
S12	30	S11 NOT AD=20021206:20060425/PR
S13	84974	(TIME? ? OR TIMEFRAME? ? OR HOUR? ?) (3N)DAY? ?
S14	29841	DAY? ?(2N)WEEK? ? OR WEEKDAY? ? OR WEEKEND? ? OR WEEK()END?
		?
S15	13	S13:S14(100N)S4
S16	9	S15 NOT S10
S17	5	S16 NOT AD=19991206:20021206/PR
S18	5	S17 NOT AD=20021206:20060425/PR
? logoff hold		

25apr06 12:12:22 User259273 Session D412.3

full text  
patents



File 2:INSPEC 1898-2006/Apr W3  
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File 144:Pascal 1973-2006/Mar W4  
(c) 2006 INIST/CNRS  
File 239:Mathsci 1940-2006/Jun  
(c) 2006 American Mathematical Society  
File 256:TecInfoSource 82-2006/May  
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File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

NPL

Set	Items	Description
S1	157232	LOGIN? ? OR LOGON? ? OR SIGNIN? ? OR SIGNON? ? OR (LOG OR - LOGS OR LOGGED OR LOGGING OR SIGN OR SIGNS OR SIGNED OR SIGNI- NG) (2N) (IN OR INS OR INTO OR ON OR ONS)
S2	874988	ACCESS???
S3	1750	S1:S2 (3N) (ATTEMPT??? OR TRY OR TRIES OR TRIED OR TRYING)
S4	102	S3 (3N) (NUMBER? ? OR TIMES OR THRESHOLD? ? OR LIMIT??? OR A- MOUNT? ?)
S5	8582397	TIME OR TIMES
S6	2600299	HOUR? ? OR MINUTE? ? OR MORNING? ? OR AFTERNOON? ? OR EVEN- ING? ? OR NIGHT? ? OR DAY? ? OR DAYTIME? ? OR NIGHTTIME? ?
S7	802652	WEEK? ? OR WEEKDAY? ? OR WEEKEND? ?
S8	38	S4 AND S5:S7
S9	26	RD (unique items)
S10	14	S9 NOT PY=1999:2006
S11	103822	(TIME? ? OR TIMEFRAME? ? OR HOUR? ?) (3N) DAY? ?
S12	76092	DAY? ? (2N) WEEK? ? OR WEEKDAY? ? OR WEEKEND? ? OR WEEK() END? ?
S13	12	S11:S12 AND S3
S14	8	RD (unique items)
S15	8	S14 NOT S9
S16	4	S15 NOT PY=2000:2006
S17	16	S9 NOT PY=2000:2006
S18	2	S17 NOT S10
S19	6	S16 OR S18
S20	6	RD (unique items)
S21	9304	(LOCK OR LOCKS OR LOCKED OR LOCKING) (2N) (OUT? ? OR DOWN? ?) OR LOCKOUT? ? OR LOCKDOWN? ?
S22	50	S21 AND S11:S12
S23	42	RD (unique items)

S24 42 S23 NOT (S9 OR S13)  
S25 33 S24 NOT PY=2000:2006  
S26 833 S11:S12 AND S1  
S27 25 S11:S12 AND S1(3N) (NUMBER? ? OR TIMES OR THRESHOLD? ? OR L-  
IMIT??? OR AMOUNT? ?)  
S28 24 S27 NOT (S9 OR S13 OR S24)  
S29 19 RD (unique items)  
S30 11 S29 NOT PY=2000:2006  
? logoff hold  
25apr06 11:10:59 User259273 Session D411.11

10/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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05120596 INSPEC Abstract Number: B9205-6250F-151

**Title: Evaluation and improvement of an autonomous access technique for a digital cordless telephone system**

Author(s): Okrah, P.

Author Affiliation: Dept. of Electr. Eng., Stanford Univ., CA, USA

Conference Title: 41st IEEE Vehicular Technology Conference. Gateway to the Future Technology in Motion (Cat. No.91CH2944-7) p.834-9

Publisher: IEEE, New York, NY, USA

Publication Date: 1991 Country of Publication: USA 924 pp.

ISBN: 0 87942 582 2

U.S. Copyright Clearance Center Code: CH2944-7/91/0000-0834\$01.00

Conference Sponsor: IEEE

Conference Date: 19-22 May 1991 Conference Location: St. Louis, MO, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: The author discusses the performance of an access technique in a digital cordless telephone system, often known as CT2 or telepoint. A telepoint system environment is simulated assuming typical fading statistics, and factors affecting access performance are examined. Due to contention among base stations, overall performance with spatially random access attempts is found to be very poor. Two modified access approaches, that can be used (while maintaining independence of ports' response) individually or in combination to significantly improve performance, are proposed. The first approach is to allow the ports to select random **time** windows (or preassign the ports in **time** windows); the second is to retry access in case of a failed attempt. Using the two in combination virtually assures capture in no more than two **access attempts** for any reasonable **number** of ports. Hence, the inclusion of **time** windows in the system design may be a necessary option. (7 Refs)

Subfile: B

Descriptors: cordless telephone systems

Identifiers: base station contention; access retry; autonomous access technique; digital cordless telephone system; CT2; telepoint; fading statistics; access performance; spatially random access attempts; random **time** windows

Class Codes: B6250F (Mobile radio systems); B6210D (Telephony)

10/5/4 (Item 1 from file: 6)

DIALOG(R) File 6:NTIS

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1586052 NTIS Accession Number: AD-A234 722/7

**Final Evaluation Report of Computer Accessories Inc., Private Access**

(Final rept)

Schneider, S. ; Andrus, C. ; Humphreys, R.

National Computer Security Center, Fort George G. Meade, MD.

Corp. Source Codes: 086809000; 416444

Report No.: CSC-EPL-88/007

26 Apr 88 17p

Languages: English

Journal Announcement: GRAI9118

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Country of Publication: United States

The product Private Access has been evaluated by the National Computer Security Center (NCSC). Private Access is considered to be a subsystem, rather than a complete trusted computer system, and therefore it was evaluated against a relevant subset of the security requirements in the Department of Defense Trusted Computer System Evaluation Criteria, dated December 1985, here after referred to as the Criteria. The subsets for this product include Identification and Authentication (IA) and Audit. The NCSC evaluation team has determined that Private Access applies these security features to any system that uses standard, dialup telephone lines for access to its systems. Private Access can protect one personal Computer from unauthorized access over a single telephone line. No security is provided for local operation. Private Access uses a variable password and fixed callback procedures to guarantee the authenticity of users and their location. Additionally, Private Access has **time** of use restrictions and an audit of IA actions. Private Access will turn on its host system giving an authorized user complete control over the host computer. The remote access feature, used in conjunction with software not provided by the company, will allow the remote user to run the host computer without returning system control to the host. (This return to the default terminal occurs with some program calls). Private Access will power down the system if an illegal **access attempt** is made. A **limit** of 100 user ID's/Passwords may be assigned. Privileged users can modify the trusted secure data base remotely.

Descriptors: \*Data processing security; \*Systems analysis; Computer programs; Computers; Data bases; Department of defense; Microcomputers; Operation; Remote terminals; Requirements; Telephone lines; Test and evaluation; **Time**

Identifiers: \*Stand alone device; \*Access control; NTISDODXA

Section Headings: 62D (Computers, Control, and Information Theory--Information Processing Standards); 62GE (Computers, Control, and Information Theory--General)

25/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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05970327

**Title: How safe is your LAN?**

Author(s): Garcean, L.R.; Poznanski, P.J.

Author Affiliation: Cleveland State Univ., OH, USA

Journal: CMA vol.69, no.3 p.8-11

Publication Date: April 1995 Country of Publication: Canada

CODEN: CMAAEA ISSN: 0831-3881

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** While the migration from mainframes to local area networks exposes information resources to new risks, there are a number of steps you can take to protect your data from system intruders and natural disasters. Besides passwords, there are other ways by which you can minimize the opportunity for unauthorized system access. One way is to limit the **days** and **times** a user can log on to the system. Another is to restrict the stations from which a user can access the system to those in the immediate work area. Sometimes users get in the habit of leaving their workstations unattended while logged on to the system. In these instances, you should use either automatic log-off, screen blanking or keyboard **lockout** to take an inactive workstation off the system. You can also use fake log-ons, or timeout values and **lockouts** to either catch the intruder in the act or limit the opportunities for guessing a password. System intruders take a variety of forms. Today, some of the most dangerous are viruses. The best protection is still anti-virus software whilst anti-viral hardware prevents infection by physically stopping the entry of viruses into the system. (0

Refs)

Subfile: D

Descriptors: back-up procedures; local area networks; security of data

Identifiers: local area networks; LAN; information resources; risks; data protection; system intruders; natural disasters; passwords; unauthorized system access; automatic log-off; screen blanking; keyboard **lockout** ; inactive workstation; fake log-ons; timeout values; **lockouts** ; viruses; anti-virus software; anti-viral hardware

Class Codes: D1060 (Security); D5020 (Computer networks and intercomputer communications)

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